

Converting Colors

$Yxy(30.4025, 0.2958, 0.3858)$

Have a look what the booklet for
Yxy(30.4025, 0.2958, 0.3858)
contains.

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Color

Yxy(30.4930, 0.2956, 0.3865)

Conversions

Conversions Part 1

Format	Color
Hex	70A180
RGB	112, 161, 128
RGB Percent	44%, 63%, 50%
CMY	0.5609, 0.3686, 0.4980
CMYK	0.30, 0.00, 0.20, 0.37
HSL	140°, 21%, 54%
HSV	140°, 30%, 63%
XYZ	23.3214, 30.4930, 25.0808
YIQ	142.5870, -18.6110, -20.6510

Conversions

Conversions Part 2

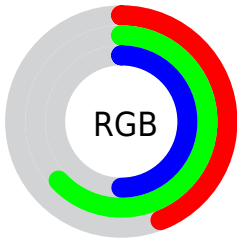
Format	Color
RYB	112, 149, 161
Decimal	7381376
CIELab	62.08, -23.52, 12.02
CIELCh	62, 26.409, 152.936
Yxy	30.4930, 0.2956, 0.3865
Android (android.graphics.Color)	4285571456 (0xFF70A180)
YUV	142.5870, -7.1914, -26.8248
Hunter-Lab	55.2205, -21.2494, 11.7252

Details

The Yxy color **30.4930, 0.2956, 0.3865** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.2050, 0.3354, 0.2778**, and the grayscale version is **27.3288, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.4473, 0.2994, 0.3738**, and **12.5259, 0.2884, 0.4075** is the 20% darker color. If you saturate the color by 10%, you get **29.2608, 0.2907, 0.4094**, and if you desaturate by 10%, it is **31.9471, 0.3010, 0.3655**.

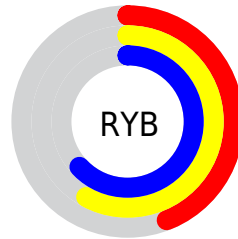
Distribution



Red (44%)

Green (63%)

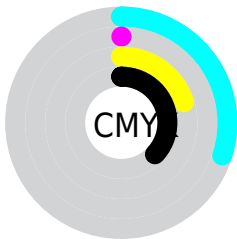
Blue (50%)



Red (44%)

Yellow (58%)

Blue (63%)

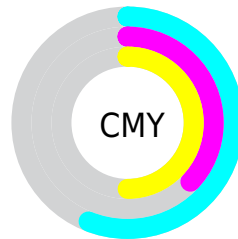


Cyan (30%)

Magenta (0%)

Yellow (20%)

Black (37%)



Cyan (56%)


Magenta (37%)

Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.4930, 0.2956, 0.3865 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 30.4930, 0.2956, 0.3865 by changing the saturation by 10% instead.


 30.4930, 0.2956,
0.3865

 30.4930, 0.2956,
0.3865


304.1957, 0.3053,
0.3546

 20.2131, 0.2927,
0.3957


 60.4410, 0.2994,
0.3741


 12.5500, 0.2887,
0.4083

 80.8778, 0.3008,
0.3697

 7.1194, 0.2827,
0.4268


 105.4691, 0.3019,
0.3660

 3.5369, 0.2727,
0.4563

 134.5992, 0.3028,
0.3630

 1.4180, 0.2552,
0.5193

168.6525, 0.3036,
0.3604

 0.2300, 0.0000,
1.0000

208.0134, 0.3042,

 0.0000, 0.0000,

0.3582

0.0000

253.0664, 0.3048,
0.3563

■ 30.4930, 0.2956,
0.3865

■ 30.4930, 0.2956,
0.3865

■ 29.2608, 0.2907,
0.4094

■ 31.9471, 0.3010,
0.3655

■ 28.2356, 0.2866,
0.4338

■ 33.6295, 0.3067,
0.3466

■ 27.4067, 0.2837,
0.4592


■ 35.5510, 0.3125,
0.3297


■ 26.7608, 0.2821,
0.4848


■ 37.7207, 0.3182,
0.3148

■ 26.2830, 0.2821,
0.5094

■ 40.1471, 0.3237,
0.3017


 25.9557, 0.2838,
0.5321

 42.8383, 0.3290,
0.2903

 25.7460, 0.2864,
0.5511

 45.8021, 0.3341,
0.2803

 49.0460, 0.3388,
0.2716

 52.2179, 0.3417,
0.2637

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



30.4930, 0.3378, 0.4051



30.4930, 0.2956, 0.3865



30.4930, 0.2596, 0.3489

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



30.4930, 0.2956, 0.3865



30.4930, 0.2515, 0.2615



30.4930, 0.3932, 0.3416

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



30.4930, 0.2956, 0.3865



21.2050, 0.3354, 0.2778

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



30.4930, 0.3669, 0.3079



30.4930, 0.2956, 0.3865



30.4930, 0.2837, 0.2633

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



30.4930, 0.2956, 0.3865



30.4930, 0.2356, 0.2765



30.4930, 0.3259, 0.2800



30.4930, 0.3958, 0.3748

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



30.4930, 0.2956, 0.3865



30.4930, 0.2435, 0.3208



30.4930, 0.3259, 0.2800



30.4930, 0.3868, 0.3301

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



30.4943, 0.2956, 0.3865



60.6387, 0.3074, 0.3443



32.7252, 0.3414, 0.4073



13.2010, 0.3066, 0.3468



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.4943, 0.2956, 0.3865



52.9693, 0.2920, 0.4029



31.2032, 0.2766, 0.3440



7.9315, 0.3074, 0.3445



20.5674, 0.2860, 0.5496



0.4406, 0.2655, 0.4757

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



21.2050, 0.3354, 0.2778



33.4527, 0.3425, 0.2654



20.5411, 0.3668, 0.3147



7.1626, 0.3185, 0.3140



6.9302, 0.4225, 0.2101



0.1537, 0.3780, 0.1856

Previews

White Background



This preview shows how the Yxy color 30.4930, 0.2956, 0.3865 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 30.4930, 0.2956, 0.3865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

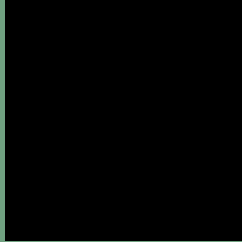
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 30.4930, 0.2956, 0.3865

Background



This preview shows how black text looks on a background with the Yxy color 30.4930, 0.2956, 0.3865.



This preview shows how white text looks on a background with the Yxy color 30.4930, 0.2956, 0.3865.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

30.4930, 0.2956, 0.3865

Protanopia

30.1691, 0.3490, 0.3712

Deuteranopia

30.1585, 0.3534, 0.3470



Tritanopia

30.5972, 0.2701, 0.3096

Trichromacy



Original Color

30.4930, 0.2956, 0.3865

Protanomaly

29.9004, 0.3277, 0.3767

Deuteranomaly

29.8409, 0.3300, 0.3594

Tritanomaly

30.5355, 0.2796, 0.3372

Monochromacy



Original Color

30.4930, 0.2956, 0.3865

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

28.5532, 0.3057, 0.3491

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4930, 0.2956, 0.3865 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(112, 161, 128)` looks like.

```
.text, #text, p{  
    color:rgb(112, 161, 128)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(112, 161, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 161, 128) }
```

Border

The CSS property to change the border of an element to Yxy 30.4930, 0.2956, 0.3865 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(112, 161, 128) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(112, 161, 128) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(112, 161, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 161, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 161, 128);  
box-shadow:4px 4px 4px 4px rgb(112, 161,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4930, 0.2956, 0.3865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 161, 128) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(112,  
161, 128) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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